

Converting Colors

YIQ(116.0320, 24.4780, 29.9660)

Have a look what the booklet for
YIQ(116.0320, 24.4780, 29.9660)
contains.

YIQ(116.0320, 24.4780, 29.9660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(116.0320, 24.4780,
29.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5A8C
RGB	158, 90, 140
RGB Percent	62%, 35%, 55%
CMY	0.3802, 0.6472, 0.4509
CMYK	0.00, 0.43, 0.11, 0.38
HSL	316°, 27%, 49%
HSV	316°, 43%, 62%
XYZ	22.4987, 16.4755, 26.8110
YIQ	116.0320, 24.4780, 29.9660

Conversions

Conversions Part 2

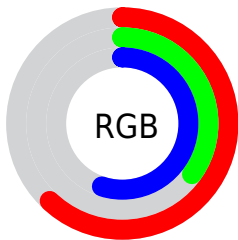
Format	Color
R _Y B	158, 90, 140
Decimal	10377868
CIE Lab	47.59, 35.19, -15.71
CIE LCh	48, 38.542, 335.938
Yxy	16.4755, 0.3420, 0.2504
Android (android.graphics.Color)	4288567948 (0xFF9E5A8C)
YUV	116.0320, 11.8162, 36.8059
Hunter-Lab	40.5900, 27.9085, -10.7499

Details

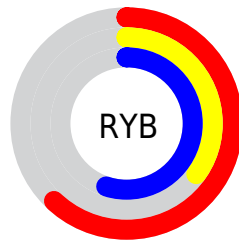
The YIQ color **116.0320, 24.4780, 29.9660** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.9680, -24.4780, -29.9660**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4560, 26.2200, 31.4360**, and **65.7220, 22.4150, 28.8070** is the 20% darker color. If you saturate the color by 10%, you get **106.1840, 30.1620, 37.0900**, and if you desaturate by 10%, it is **125.8800, 18.7940, 22.8420**.

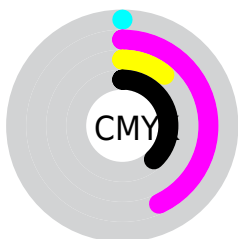
Distribution



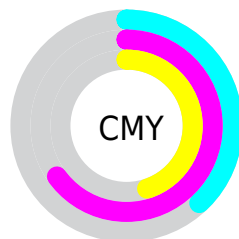
- Red (62%)
- Green (35%)
- Blue (55%)



- Red (62%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (38%)





- Cyan (38%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.0320, 24.4780, 29.9660 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 116.0320, 24.4780, 29.9660 by changing the saturation by 10% instead.


 116.0320, 24.4780,
29.9660


 116.0320, 24.4780,
29.9660


255.0000, -0.0000,
-0.0000


 90.3200, 23.6070,
29.2310


 169.4560, 26.2200,
31.4360

 65.7220, 22.4150,
28.8070


 197.1680, 27.0910,
32.1710

 40.2490, 22.3690,
29.6410


 219.7970, 17.8300,
29.3020

 21.4610, 18.6560,
25.3440

 237.3900, 8.2500,
15.6900

 12.9020, 12.5600,
14.6720

254.4130, 0.2750,
0.5230

 0.0000, 0.0000,
0.0000

116.0320, 24.4780,
29.9660

116.0320, 24.4780,
29.9660

106.1840, 30.1620,
37.0900

125.8800, 18.7940,
22.8420

96.3360, 35.8460,
44.2140

135.7280, 13.1100,
15.7180

86.9610, 41.5760,
50.5040

145.1030, 7.3800,
9.4280

77.1130, 47.2600,
57.6280

154.9510, 1.6960,
2.3040

67.2650, 52.9440,
64.7520

164.7990, -3.9880,
-4.8200


60.4660, 56.9320,
69.5720

174.6470, -9.6720,
-11.9440

184.4950,
-15.3560, -19.0680

193.8700,

-21.0860, -25.3580

 203.7180,
-26.7700, -32.4820

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



115.8740, -7.4320, 24.5680



116.0320, 24.4780, 29.9660



113.9340, 45.0650, 25.8090

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



116.0320, 24.4780, 29.9660



109.2490, 29.2550, -18.0810



92.2360, -83.3500, -20.2940

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



116.0320, 24.4780, 29.9660



131.9680, -24.4780, -29.9660

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2890, -73.6740, -30.4580



116.0320, 24.4780, 29.9660



105.7340, 2.6640, -26.2640

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



116.0320, 24.4780, 29.9660



111.6630, 46.1250, -4.4270



97.6940, -35.3900, -30.4460



91.8090, -89.0370, -10.8370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



116.0320, 24.4780, 29.9660



113.1870, 51.3020, 17.3980



97.6940, -35.3900, -30.4460



91.6830, -80.4150, -23.9270

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



116.0320, 24.4780, 29.9660



190.2390, 9.9930, 11.6330



102.8350, -11.6960, 24.7520



94.4510, 6.2800, 7.3360



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.0320, 24.4780, 29.9660



140.2980, 39.0090, 47.4650



112.2700, 35.0710, 19.7030



74.0760, 2.8420, 3.5620



54.7270, 51.5230, 62.9710



5.7390, 5.4090, 6.6010

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



116.0320, 24.4780, 29.9660



140.2980, 39.0090, 47.4650



135.7300, -35.0710, -19.7030



74.0760, 2.8420, 3.5620



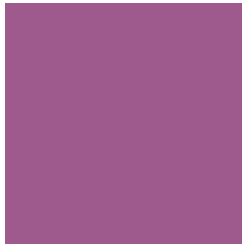
54.7270, 51.5230, 62.9710



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 116.0320, 24.4780, 29.9660 looks on a white background.

Color Contrast Check

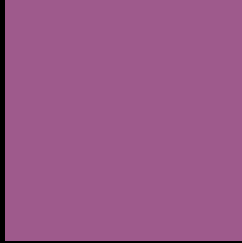
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 116.0320, 24.4780, 29.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

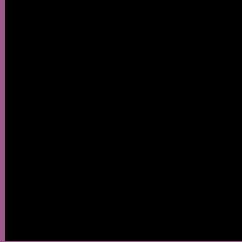
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 116.0320, 24.4780, 29.9660

Background



This preview shows how black text looks on a background with the YIQ color 116.0320, 24.4780, 29.9660.



This preview shows how white text looks on a background with the YIQ color 116.0320, 24.4780,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

116.0320, 24.4780, 29.9660

Protanopia

113.4280, -21.2760, 11.1400

Deuteranopia

114.4480, -6.8330, 8.1990



Tritanopia

114.9550, 31.4040, 14.5720

Trichromacy



Original Color

116.0320, 24.4780, 29.9660

Protanomaly

114.3270, -4.6340, 17.9100

Deuteranomaly

114.6500, 4.5820, 16.0860

Tritanomaly

114.9750, 28.6520, 20.3960

Monochromacy



Original Color

116.0320, 24.4780, 29.9660

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0320, 24.4780, 29.9660 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 90, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 90, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 90, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 90, 140) }
```

Border

The CSS property to change the border of an element to YIQ 116.0320, 24.4780, 29.9660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 90, 140) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 90, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 90, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 90, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 90, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 90,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0320, 24.4780, 29.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 90, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158, 90,  
140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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